



# The GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society  
September 2012      <http://www.gars.org/>      Volume 21, Issue 9



## Huntsville Hamfest Panorama



By Bill Cherepy - WB4WTN

# Message From The President

## Family - Work - Amateur Radio

Like many Americans, I am a guy with a rich assortment of hobbies in my background. I have built my own boat, raced cars in organized events, written freeware, done scale railroading, sports, played music, and countless other pursuits. I tell you without hesitation that the Amateur Radio service is the most fun, rewarding, socially engaging, and mentally stimulating hobby there is on this planet. It is a wonderfully balanced hobby where you can easily get back out of it more than you put in. It can be so enjoyable that it is quite easy for Amateur Radio to shift one's priorities around, taking focus from other things we should put before the pursuit of our hobby.



Kyle Albritton—W4KDA

This month I want to remind you to keep your family first. Take time to learn from your elders, play with your kids and grand children (Great Grand Children too!). Keep yourself healthy by exercising, eating well, and seeing your doctor regularly. You and your family are irreplaceable, so make sure they have the number one priority. Second should be your work. In this great society we have created, you need to stay employed so you can have a place to live, eat (and hams love to eat), keep your family healthy, be able to move around, and afford that new KX3 you have had your eye on. Unless you have figured out how to work with your family while getting rich manufacturing Amateur Radio gear (ha!), you need to remember your priorities. So before you crank up 20m and turn your beam around, make sure there is not something else you should be taking care of first. For me, it is remembering that I need to go to bed so I can be productive at work tomorrow rather than staying up and playing JT65 like I *want* to do. But reminding myself of the priority that work is more important than amateur radio helps me to shut down, get some sleep, and stay employed so I can play Amateur Radio again another day.

Thanks to all the folks who came out to work parking for the dog show, as well as to those folks who planned and set up this large scale event. To me, it is a lot of fun being a cog in a very large wheel at such a complex event. The human-power we provide keeps the event working smoothly. The donation they give to GARS for our work doing things like keeping fire lanes clear makes it possible for us to pay for events all year long such as TechFest, the GA QSO Party, and FieldDay.

We have another excellent meeting presentation coming up this month. It is about ARISS, Amateur Radio on the International Space Station. I am sure it will be a fantastic presentation.

As always, may you have great health, wealth, and all your contacts be 59.

*Kyle* W4KDA

# GARS September Meeting

## "ARISS (Amateur Radio International Space Station)"

by John Kludt, K4SQC



### Don't miss it!

Meetings are held on the 2nd Tuesday of each month at 7pm.

EAA 690 Hangar at Briscoe Field  
Sports Aviation Complex - Hangar 1  
690 Airport Road  
Lawrenceville, GA 30045

## Technician Ham Cram!

### Saturday, October 6

**Brandon Hall School, Sandy Springs, GA**

Sponsored by the North Fulton Amateur Radio League

Don't miss this opportunity to invite your friends, neighbors, relatives and business associates to join the exciting world of Ham Radio. Encourage them to enroll in this class designed especially for them. A team of experienced, friendly and helpful Hams will guide them through the process of earning their Technician license during four weeks of self-study and a one-day classroom review. Enrollment is limited, so encourage your friends to enroll now at: <http://nfarl.org/mart/>

The total cost is \$25 which includes study materials, refreshments and lunch on October 6th *plus* the FCC license examination. Study materials will be sent to participants beginning August 23. The last day for enrollment is September 15th, so don't delay. Enroll now and join the fun!!

For further information click [here](#) or contact Chuck, AE4CW at [ae4cw@nfarl.org](mailto:ae4cw@nfarl.org)

# JOTA 2012



Norman Schklar (facebook message)

GARS Jamboree On The Air will be October 20th.

We will be using the VFW Hall at 368 Grayson Highway in Lawrenceville and teaching the Radio Merit Badge. We'll have at least two operating HF stations for making contacts for the scouts. In the past, DSTAR has been a winner for making contacts with other countries with just a hand held radio. We'll need some help with this one as we will be preparing and serving lunch, help with instruction and operate at least 2 HF and 1 VHF stations.

You can contact Norm, WA4ZXV or Jeff, AF4JL for more information or to volunteer. And don't forget to invite the scouts in your neighborhood. All scouts are invited whether taking the merit badge training or not.



## W1HKJ honored for Fldigi

Posted: 22 Aug 2012 06:00 AM PDT by KB6NU



Greg Sarratt, W4OZK ARRL Southeastern Division Director presents David H. Freese, Jr. W1HKJ the ARRL Special Technical Service Award for David's work on Fldigi software programs at the 2012 Huntsville Hamfest.

On August 18, 2012 at Huntsville Hamfest Greg Sarratt, W4OZK, ARRL Southeastern Division Director presented David H. Freese, Jr W1HKJ the ARRL Special Technical Service Award for Dave's work on the Fldigi software programs. This presentation was a follow-up to ARRL Letter of Appreciation to David H. Freeze, Jr. signed by the ARRL President Kay Craigie, K3NK, dated July 25, 2012.

The above recognition is well deserved for Dave's development and distribution of the Fast Light Digital Modem Application (Fldigi) family of programs for use in amateur and emergency communications. W1HKJ's software programs are free for amateur use and the Fldigi software runs under Windows, Linux and Mac OS X. In addition, Dave Freese, W1HKJ, worked with the W1AW Station Manager, Joe Garcia, NJ1Q, and W1AW's digital bulletins are now sent using Fldigi.

Thank You Mr. Freeze!

# HAMJAM



# HAMJAM 2012



**Presented by**  
**North Fulton Amateur Radio League**  
**and**  
**Southeastern DX Club**

Saturday, November 10, 2012 9:00am -- 12:30pm

Talk in: 145.470(-) PL100

***HamJam 2012 Planning is under way!!***

NFARL and the SEDXC will again this year host HamJam. The date has been set for November 10th, and the event will be held in Lawrenceville, GA at the Georgia Gwinnett College LVIS Room.

As in past years, the event is open to all hams and admission is FREE.

A number of wonderful prizes will be raffled to help the sponsoring organizations offset expenses and hopefully have some funds left over for their scholarship funds. Raffle tickets are available for a \$5 donation (5 for \$20). Raffle rules are available on the web site.

Raffle tickets may be purchased from an officer or board member of the Southeast DX Club or the North Fulton Amateur Radio League until the mid-morning break at HamJam 2012 on November 10, 2012. Tickets will also be available on the NFARL Mart through Thursday, November 7, 2012.

Mark Saturday, November 10th on your calendar and be ready for a fun morning of visiting with your fellow hams, listening to and interacting with our speakers, and the potential to win one of our raffle prizes.

***Please talk this up!***  
***Invite your ham and non-ham friends to this unique event.***  
***It promises to be one of the southeast's ham highlights of the year!!!***

**[www.hamjam.info](http://www.hamjam.info) for more information**

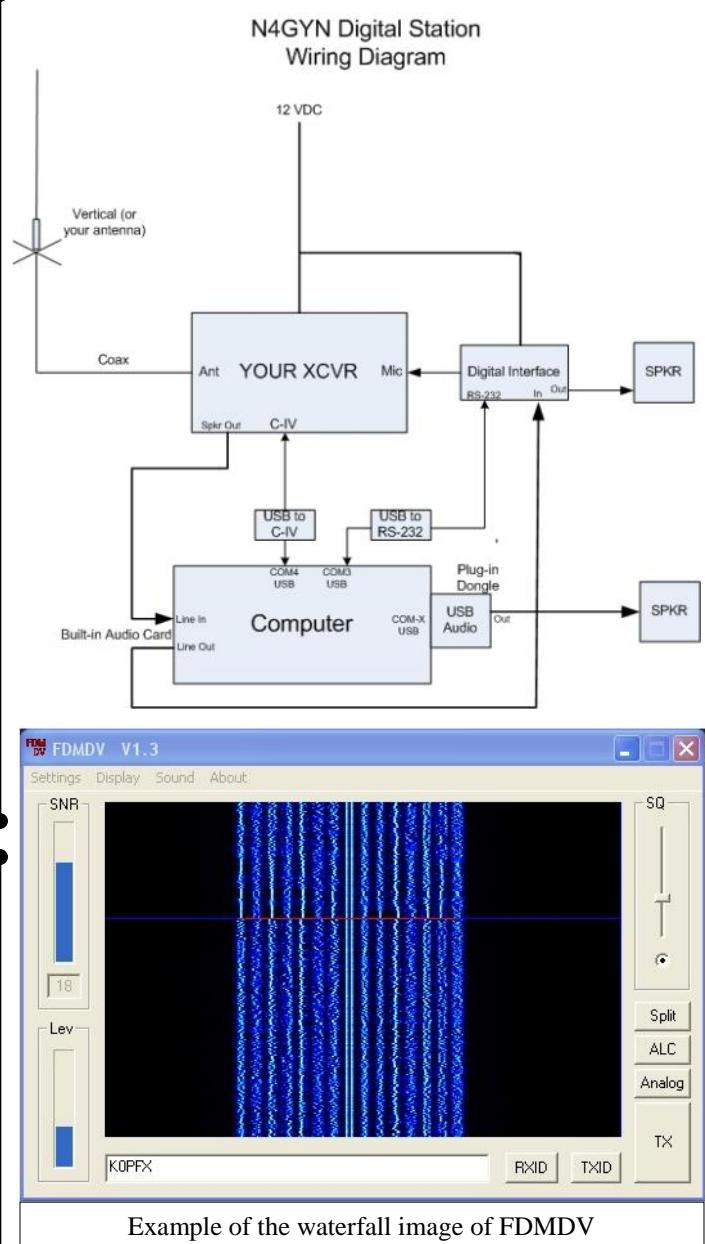
# Digital Voice on HF

I was sitting at my radio but working on a computer problem, and waiting for it to finish running the Anti-Virus scan, so I turned on my radio and dialed across 20 meters. There weren't many signals that day, but as I came upon 14.230 MHz, I heard this crazy noise that sounded like a million bees buzzing, LOUDLY. Well, I had heard that sound before, but never could decode it. I tried the high-speed "slow-scan" program called EasyPal and that didn't work. And then I remembered someone saying that there's a new application for digital voice on HF. I went to my web browser and looked it up and found a free application called FDMDV by G3PLX. FDMDV means **Frequency Division Multiplex Digital Voice**. *FDMDV is the latest digital voice mode on HF - it caters to high quality digital voice under poor band conditions, in only 1100Hz bandwidth!*

I downloaded it, installed it and ran it. It's really a simple little application that only requires a few things to be configured, like your CALLSIGN and the transmit port of your interface (mine is RIGblaster). Well, I did have to tell it where to get the audio FROM, and where to send the resulting sound TO. I have a built-in audio card in my PC (you do too, most likely) and recently I bought a [USB audio device](#) (aka "dongle"). It's just an audio card in a Thumb Drive container/shape. This allows me to chat with my brother, KF4ZPN, on Skype (using the USB audio dongle) while also running digital modes on my radio (using the normal built-in audio card in my PC).

As soon as I got it configured, and after setting it to get the audio from my radio via "Line-In" on the built-in audio card of my PC, I began hearing a guys' voice on the USB audio device. It was clearer than I expected. No noise, no interference, no variation in loudness, and a lot like FM. Did I say - "It's really easy to set up." See the hookup diagram in this article.

Now I know that some of you have already gotten into digital voice on VHF and UHF via D-STAR and all the great features it offers. D-STAR is expensive compared to this, requires new or additional equipment, and I personally couldn't justify the expense. This, however, is cheap and offers one very special benefit. When the HF bands are really open and loaded with QSO's, the QRM can be really annoying. In the case of FDMDV, you could hold a very comfortable chat with another station without all that QRM.



**Weekend AOR Digital Voice Net is QRV every Saturday / Sunday - Summer 2:00PM EDT, 1800 UTC, Winter 2:00PM EST, 1900 UTC - 14.236 QRG USB.**  
**WinDRM / FDMDV Digital Voice Net follows at 3:00PM EDT, 1900 UTC, Winter 3:00PM EST 2000 UTC - 14.236 QRG USB.**

Try it! It's FUN! You'll like it!

73, *Ray* N4GYN

# QRP on Jekyll Island

[NOTE: This article was delayed due to the inclusion of the Bylaws in last month's newsletter. Time references are skewed. Ed.]

I really wanted to go to Dayton this past weekend. I mentioned it to the XYL and she responded: "You mean you would rather go look at radios than be with me on our 35<sup>th</sup> Anniversary?"

"Of course not, I responded. I was thinking you might like a trip over to the coast to celebrate our happy years together."

She was suspicious but she agreed that the trip to the beach sounded good.

So we packed up the tent, sleeping bags and lots of other stuff and headed to Jekyll Island State Park on Friday May 18. I included my K1 just in case there might be some 'downtime' during which I could try my hand at QRP in the field.

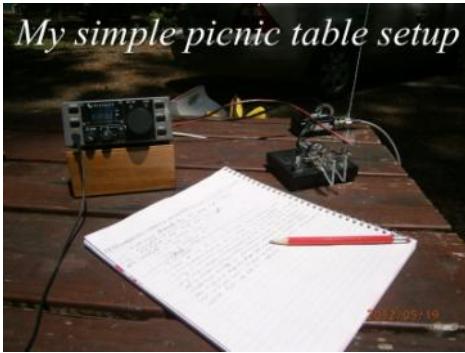
In between bicycling around the island, walking on the beach and dining at nice places, I did manage to get the rig on the air. On Friday I had QSO's with Art in North Carolina and W4BVQ, Bob, in Alabama in just a little over an hour of air time. It was starting to sprinkle on my picnic table so I packed the rig away.



*Silly grin after great QSO*

Art in North Carolina and W4BVQ, Bob, in Alabama in just a little over an hour of air time. It was starting to sprinkle on my picnic table so I packed the rig away.

On Saturday I made contact with AJ1G/M, Chris in Connecticut, WD9f, Woody in Illinois and W2ZRA, Kevin in New York.



*My simple picnic table setup*

I tuned around the 20M and 40M bands trying to answer CQ's but was not heard on my 4 to 5 watts. I could hear pretty well

but was not being heard on the other end I guess.

Five contacts don't sound like a lot. I know Jeff, AB4HF, did a lot better on Jekyll and I talk to other HAMS who have worked out in the field like this who have related 40, 75 and 150 QSO's and it makes my five sound pretty puny. But I am happy with them. After all I built the rig. I built the End Fed Tuner at the last North Georgia QRP club "Build-a-Thon" and I built my wire antenna that winds up neatly on a camping cloths line reel. I didn't build my Bencher paddle or my headphones but I guess you can't build it all.

I had a lot of fun making my few contacts and really felt good about my setup. It was a lot like Field Day but just me. You might want to try "picnic table operations". It was great for me and it might be great for you too.

73,

*Sid, N4NQ*



*My 33 ft wire on a clothesline reel worked great.*



2012/05/19

# KB6NU Ham Radio Blog

## Extra Class question of the day: field-effect transistors

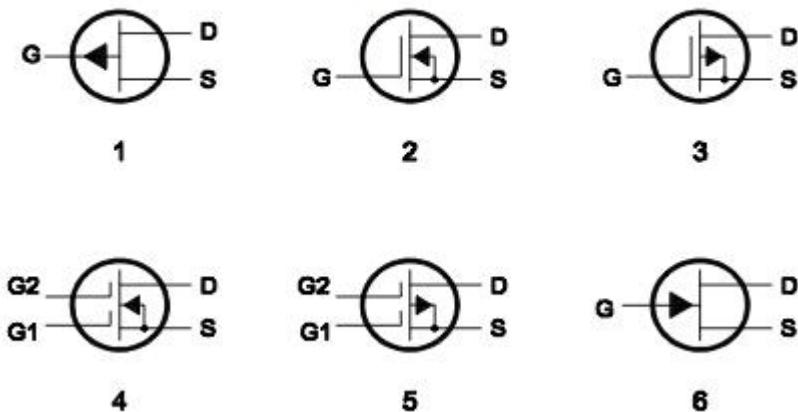
Posted: 23 Aug 2012 12:00 PM PDT by KB6NU

A field-effect transistor (FET) is a device that uses an electric field to control current flow through the device. Like the bipolar transistor, a FET normally has three terminals. The names of the three terminals of a field-effect transistor are **gate, drain, source**. (E6A17)

FETs are normally made with a technology called Complementary Metal-Oxide Semiconductor, or CMOS. The initials CMOS stand for **Complementary Metal-Oxide Semiconductor**. (E6A13) FETs made with CMOS technology are sometimes call MOSFETs.

In Figure E6-2 (below), schematic symbol **1** is the symbol for a P-channel junction FET. (E6A11) In Figure E6-2 (below), schematic symbol **4** is the symbol for an N-channel dual-gate MOSFET. (E6A10)

**Figure E6-2**



One characteristic of the MOSFET is that they have a high input impedance. This makes them more attractive for use in many test equipment applications than bipolar transistors. How does DC input impedance at the gate of a field-effect transistor compare with the DC input impedance of a bipolar transistor? **An FET has high input impedance; a bipolar transistor has low input impedance.** (E6A14)

One disadvantage of using MOSFETs is that they are very sensitive to electrostatic discharge (ESD). Sometimes, they are damaged by static discharges so low that you never even see the spark or feel the shock. **To reduce the chance of the gate insulation being punctured by static discharges or excessive voltages** many MOSFET devices have internally connected Zener diodes on the gates. (E6A12)

Most FETs are enhancement-mode devices. When using an enhancement-mode FET, you must apply a voltage to the gate to get current to flow from source to drain. Some FETs are, however, depletion mode devices. A depletion-mode FET is **an FET that exhibits a current flow between source and drain when no gate voltage is applied.** (E6A09)

# A Thank You Note from Tinsley KI4HAY

Graham  
34 Winder on the Marsh - ~~concentrated~~ ~~concentrated~~ 5000  
Savannah GA 31419 - ~~samples 2012 from 37~~



Gwinnett Amateur Radio Society  
Norm Schiklar, W4ZXY  
480 North Peachtree St.  
Norcross, GA 31419-2409

Dear Garrett Amateur Radio Society,  
Thank you so much for the Ham Radio  
Scholarship you awarded me! I truly cannot  
thank you enough for your support of  
young radio operators as I continue to  
pursue this incredible hobby through college.

Thank you so much!

Sincerely  
Sister Thelma  
KIEHAY

## NET MANAGERS CORNER

Hello Everyone from N4LNE GARS Net Manager.



I want to thank everyone for taking the time to check in to the nets and I especially wish to thank the NCS and ANCS stations for their time and effort.

Please think about adding your name to the list as NCS or ANCS.

### Monday Night Net Stats.

DATE	CHECK INS	NCS	ANCS
8/21/2012	29	John WB4QDX	David KJ4CMY
8/13/2012	19	Norm WA4ZXV	Bill KK4AUA
8/06/2012	32	Sandy KJ4DRO	Norm WA4ZXV
7/30/2012	26	Bill KK4AUA	Norm WA4ZXV
7/23/2012	33	Hal W4IGE	N/A
7/16/2012	22	Ray N4GYN	Ralph KJ4CNC



### Thursday Night Net Stats

DATE	CHECK INS	NCS	ANCS
8/23/2012	?	Dennis WB4TID	-
8/16/2012	8	Dennis WB4TID	-
8/09/2012	0	No net—Repeater out of service	
8/02/2012	12	Dennis WB4TID	David KJ4CMY
7/26/2012	21	Kyle W4KDA	Rich K7SZ
7/19/2012	11	Kyle W4KDA	Phil N4LNE

73'

See you on the Nets!

*Phil* N4LNE

Net Manager



### GARS Membership

To become a GARS member, or to renew your GARS membership,  
please visit our website - <http://www.gars.org>

To make changes to your GARS membership (moved, new email address, new phone number, etc.),  
please email the Membership Chairman - [membership@gars.org](mailto:membership@gars.org)

You can renew or update your Amateur Radio license information with the FCC at their website for free  
- <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

**JOIN ARRL  
- OR -  
RENEW YOUR  
MEMBERSHIP  
THROUGH GARS**



Help the GARS Treasury by applying for ARRL membership or renewing your ARRL membership through GARS. By applying for ARRL membership through GARS we are able to keep \$15.00 of each new membership fee for our Treasury. We can keep \$2.00 from each renewal.

Show your support for both organizations by applying through GARS.

Ralph Pickwick – KJ4CNC, GARS Treasurer, will have the ARRL applications at the monthly meetings for your use. We only ask that you don't wait until the last minute to renew, as we will only be sending the applications to ARRL on a monthly basis. We will only be accepting personal checks with the applications (no PayPal).

If you have any questions concerning this process, please contact Ralph at [KJ4CNC@arrl.net](mailto:KJ4CNC@arrl.net).



**UPCOMING HAMFEST CALENDAR**

**Southeast US**



**09/15/2012 | [Paulding County ARC Hamfest](#)**

**Location:** Dallas, GA  
**Type:** ARRL Hamfest  
**Sponsor:** Paulding ARC  
**Public Contact:** Ronny Julian , K4RJJ  
**Email:** [k4rjjradio@gmail.com](mailto:k4rjjradio@gmail.com)

**9/17/2012 | [Cookeville, TN](#)**

**Location:** Hyder Berk's Pavilion on 2390 Gainesboro Grade  
**Talk-in:** 147.210(+) no pl tone  
**Contact:** Jack (KG4MFJ) 931-252-1937 (Do not call after 8:00PM!)

**09/21/2012 | [ARRL/TAPR Digital Communications Conference](#)**

**Location:** Atlanta, GA  
**Sponsor:** Tucson Amateur Packet Radio  
**Website:** <http://www.tapr.org/dcc>

**9/28-29/2012 | [Ten Tec Hamfest](#)**

**Location:** Sevierville, TN  
**Talk-in:** 145.470, 146.940, 443.225  
**Website:** <http://www.tentec.com/categories/Visit-Our-Hamfest!--2012/>

**10/13/2012 | [ARC of Augusta, GA Hamfest](#)**

**Location:** Blythe, GA  
**Type:** ARRL Hamfest  
**Sponsor:** Amateur Radio Club of Augusta  
**Website:** <http://w4dv.org>

**10/13/2012 | [LaGrange Hamfest](#)**

**Location:** LaGrange, GA  
**Type:** ARRL Hamfest  
**Sponsor:** LaGrange Amateur Radio Club  
**Website:** <http://www.lagrangeradioclub.org>

# BSA Venture Crew 73 Wants You

IF YOU are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology,  
**Venture Crew 73 is for you.**

- Venture Crews are part of the Boy Scouts of America.
- Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.
- Venture crew 73 is coed.
- Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:  
Briscoe Field - Sports Aviation Complex  
Hangar 1, 690 Airport Road  
Lawrenceville, GA 30045
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ Camping
- ◊ Hiking
- ◊ Horseback Riding
- ◊ Shooting Sports

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

**Steve Back, WB2OGY**

Venture Crew 73 Committee Chairman

Phone: 770-712-9069

Email: [committeechair@venturecrew73.org](mailto:committeechair@venturecrew73.org)

**Jeff Lee, AF4JL**

Venture Crew 73 Advisor

Phone: 678-475-3165

Email: [advisor@venturecrew73.org](mailto:advisor@venturecrew73.org)



## GARS Officers and Committee Chairs

Kyle Albritton, W4KDA  
President



Earl Whatley, AF4FG  
Vice President



Hal Collier, W4IGE  
Secretary



Ralph Pickwick, KJ4CNC  
Treasurer, Apparel Manager



Sandy Jackson, KJ4DRO  
Program Manager



Dave Bruse, W4DTR  
Membership Chairman, VE Team



David Adcock, KA4KKF  
Webmaster, Field Day Chairman



Dorothy Jubon, N2DLJ  
Public Information Officer



Norm Schklar, WA4ZXV  
TechFest Chairman



Ray Bailey, N4GYN  
GARZette Editor



Jeff Cutchins AB4HF  
Multimedia Chairman



Bill Cherepy, WB4WTN  
W4GR Trustee



Eddie Foust, WD4JEM  
Repeater Chairman



Mike Weathers, ND4V  
WAS-Checker



Phil McCleary, N4LNE  
Net Manager



Mike Swiderski, K4HBI  
Technical Advisor



## GARS Communications

2 Meter Repeater  
147.075(+) MHz  
82.5 PL Tone

2 Meter Repeater  
147.255(+) MHz  
107.2 PL Tone

APRS  
144.390 -- 1200 Baud  
W4GR

6 Meter Repeater  
53.110 (-1 MHz)  
82.5 PL Tone

D-Star  
WD4STR  
145.060 + (1.4 MHz)  
440.550 + (5 MHz)

70 Cm Repeaters  
444.525(+) MHz  
82.5 PL Tone  
442.100(+)  
82.5 PL Tone

Main Repeater Site  
Oak Street,  
Lawrenceville

Backup Repeater Site  
Lanier Mountain,  
Snellville

**The following members are celebrating birthdays in September:**

**HAPPY BIRTHDAY!!  
From All of Us at GARS**

**Karen Albritton (KI4HPP)**  
**Pierre Decatrel (WB1EZK)**  
**Bill Digby (KK4BWE)**  
**James Drumm (N2FOF)**  
**Jim Farmer (K4BSE)**  
**Van Hill (KK4GGC)**  
**Fred Hoefler (W3TLC)**  
**Richard Latty (KC4PLT)**  
**Gary Lindemann (N4OLN)**  
**Greg Mauldin (AF4RZ)**  
**Dennis Nichols (WB4TID)**  
**Gary Rasser (K4GBR)**  
**Al Seaman (WA2CBM)**  
**John Stockinger (KC4RFK)**  
**Sam Thomas (KD4BVE)**  
**Richard Waigand (K4KME)**  
**Carter Wood (AG4LK)**

### **GARS Recurring Calendar**

- ♦ Monthly club meeting is the 2nd Tuesday of the month at 7pm
- ♦ Every Monday at 8pm: GARS Want, Swap, Sell, and Information Net on the GARS 2-meter repeater
- ♦ Every Thursday at 9pm: GARS Round Table Net, 2 & 6 Meters
- ♦ Every Saturday at 7:30am: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville

### **Meeting Minutes GARS General Meeting August 14th,**

Kyle Albritton, W4KDA, GARS President, called the meeting to order at 7:00pm at the EAA building. Introductions of first time visitors and others present. 2012 ARRL/TAPR Digital Communications Conference will be held in Atlanta Sept. 21-23. Kyle Albritton, W4KDA, announced the we will be adding classified ads to the Garzette. Norm Schklar, WA4ZXV, announced that HamJam will be held on Nov 13th at Georgia Gwinnett College. Norm Schklar, WA4ZXV, announced that help is needed to staff the GARS tables and youth lounge at the Stone Mountain Hamfest on Nov 3rd. David Adcock, KA4KKF, reminded everyone about the Dog show will be Aug 23-26 and requested that people volunteer for one or more shifts John Davis, WB4QDX, announced that volunteers are need to help with the Peach Sizzler 10K race on Labor Day Sept 3rd. Steve Back, WB2OGY, announced that JOTA will be on Oct 20th. Hal Collier, W4IGE, read the bylaws changes proposed by the Bylaws committee. After a question and answer period, the new bylaws changes were voted on and passed by a margin of 50 to 3.

Break

Program was "The Original Text Machine - A Marriage of Old and New Technology" by Steve Garrison, N4TTY

Treasurer's Report – Ralph Pickwick, KJ4CNC  
GARS Patches \$3 and GARS Stickers \$1

Membership – Dave Bruse, W4DTR, reported the following:

John Craig, KK4JXU, new member

Bill Briggs, new member

**GARS has 222 active members**

Program Manager – Sandy Jackson, KJ4DRO, announced:

September's program will be "ARISS (Amateur Radio International Space Station)" by John Kludt, K4SQC.

October's program will be "Massive Homebrew Show and Tell".

Prize Drawing

There were 60 attendees at the meeting.

Meeting ended at 8:55 pm

*Hal Collier* W4IGE, Secretary

## FOR SALE—Classifieds



New feature of the GARzette!  
- Coming next month! -



If you have something for sale and would like to list it here, please send email to [editor@gars.org](mailto:editor@gars.org). Include the following:

Description:

Asking price:

Contact Info:

All entries must be received by me ([editor@gars.org](mailto:editor@gars.org)) by 3 days BEFORE the first Tuesday of each month for publication in the GARzette for that month.

*Ray* N4GYN



**It's all about  
HAM RADIO**

## CALENDAR OF EVENTS

### September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 7:30am Breakfast at Golden Coral on Riverside Drive
2	3 <b>LABOR DAY</b> 8pm GARS 2m Net	4 6:30pm GARS Exec Meeting	5	6 9pm GARS ROUND TABLE NET	7	8 7:30am Breakfast at Golden Coral on Riverside Drive
9	10 8pm GARS 2m Net	11 5pm Dinner at the Flying Machine 7pm GARS Meeting	12	13 9pm GARS ROUND TABLE NET	14	15 7:30am Breakfast at Golden Coral on Riverside Drive
16	17 8pm GARS 2m Net	18	19	20 9pm GARS ROUND TABLE NET	21	22 7:30am Breakfast at Golden Coral on Riverside Drive
23	24 8pm GARS 2m Net	25	26	27 9pm GARS ROUND TABLE NET	28	29 7:30am Breakfast at Golden Coral on Riverside Drive
30						

Phases of the moon: 8:● 15:● 22:● 29:○

Holidays and Observances: 3: Labor Day

Metro Testing Sessions	Ham Exam Results for August, 2012	Metro Club Meetings
<p><i>GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <a href="http://www.arrl-ga.org">http://www.arrl-ga.org</a>.</i></p> <p><b>First Sunday, ODD Months</b> 2 pm (Jan, Mar, May, Jul, Sep, &amp; Nov) WCARS VEC Braselton Public Utility Building 4986 Highway 53, Braselton, GA Roger Gibson, WB4T (770) 271-4210 or (770) 712-9560</p> <p><b>First Sunday, EVEN Months</b> 2 pm (Feb, Apr, Jun, Aug, Oct, Dec) WCARS VEC Johnson High School 3305 Poplar Springs Rd, Gainesville, GA Perry Roper, KO4RD (770) 536-3056</p> <p><b>Second Saturday, ODD Months</b> ARRL VEC 8:30 a.m. Stone Mountain Methodist Church 5312 West Mountain St. Stone Mountain Bob Varone, W4ETN (770) 978-3179</p> <p><b>Second Sunday</b> VEC: W5YI 2 pm (effective Jan 2012) Gwinnett County Fire Station #5 3001 Old Norcross Road Duluth, GA 30096 Contact: Dave Bruse, W4DTR Email: <a href="mailto:exams@gars.org">exams@gars.org</a></p> <p><b>Third Saturday</b> VEC: W5YI 3 pm (Except December) Auburn City Hall Council Room 1369 Fourth Avenue Auburn, GA Steve Donellan, N5SMD (404) 520-0368</p> <p><i>(cont. next column)</i></p>	<p>We had an excellent exam session this month. 11 out of 13 applicants passed.</p> <p><u>Ham exam session results:</u></p> <ul style="list-style-type: none"> <li>- 8 new Technicians</li> <li>- 1 new General (passed Technician and General)</li> <li>- 0 upgraded to General</li> <li>- 0 new Extra (passed)</li> <li>- 2 upgraded to Extra</li> </ul> <p><u>Thanks to the VE's who made this exam session possible:</u></p> <ul style="list-style-type: none"> <li>- Dave Bruse, W4DTR (CVE)</li> <li>- Bill Cherepy, WB4WTN</li> <li>- Brian Page, N4TRB</li> <li>- Frank Sauciunas, KF4TQV</li> <li>- Gary Smitt, AK4PT</li> <li>- Jeff Cutchins, AB4HF</li> <li>- Mark Fehlig, WA6NGC (Co-CVE)</li> <li>- Sid Weaver, N4NQ (Co-CVE)</li> </ul> <p>Thanks &amp; 73, <i>Dave Bruse</i> W4DTR Email: <a href="mailto:exams@gars.org">exams@gars.org</a></p> <p>GARS VE Website: <a href="http://groups.yahoo.com/group/ARS_VE_Team/">http://groups.yahoo.com/group/ARS_VE_Team/</a></p>	<p><b>First Tuesday</b> Kennehoochee ARC Downtown Marietta Fire Station #1, Training Room 112 Haynes Street Marietta, Georgia 30060 Meeting begins at 7:00pm Talk In 146.880(-)</p> <p><b>First Thursday</b> Atlanta Radio Club Georgia Red Cross HQ 1955 Monroe Dr., Atlanta Meeting is at 7:30pm Talk In -146.820(-) N.E. Georgia ARC Commerce Public Library Meeting is at 6:30pm Talk In - 147.225(+) PL 123.0</p> <p><b>Second Monday</b> Georgia Tech ARC Room W218 Van Leer Electrical Engineering Bldg. Georgia Tech Campus Meeting at 7:00pm</p> <p><b>Second Thursday</b> Alford Memorial Radio Club Annistown Road Baptist Church Intersection of Annistown Rd &amp; Spain Rd Stone Mountain Dinner at 6:00pm Meeting at 7:30pm Talk In - 146.760(-)</p> <p><b>Second Saturday</b> North GA QRP Club Board Room of The Shepherd Center at 2020 Peachtree Rd, NW, Atlanta at 10:00 AM</p> <p><b>Third Tuesday</b> North Fulton Amateur Radio League Masonic Lodge 194 Milton Avenue Alpharetta, Georgia meeting at 7:30pm Talk In - 145.47(-)</p>
	<p><b>Fourth Tuesday</b> ARRL VEC 7 pm @ United Way Service Center 6279 Fairburn Rd., Douglasville Jessie Clower, KB4WFK (770) 942-6466</p> <p><b>Fourth Sunday</b> 2:30 pm Georgia Tech VanLeer Elec. Building Rm. W218, 777 Atlantic Dr. See <a href="http://www.w4aql.com">www.w4aql.com</a> Alexander G. Carver (404) 894-2936 <a href="mailto:acarver@ece.gatech.edu">acarver@ece.gatech.edu</a></p>	
		<p>For more, go to: <a href="http://www.gars.org/">http://www.gars.org/</a></p>

## METRO ATLANTA AMATEUR RADIO

## HAM RADIO EXAMS

### Daily

146.76 MHz PL107.2/145.45 Noon Brown Bag Net  
146.79 MHz PL110.9 8:00 PM Sassafrass Mtn.  
3.795 MHz 6:00 PM WX & Skywarn

### Sunday

7.275 MHz 9:00 AM Georgia Traders Net  
3.975 MHz 5:00 PM Winter PM GA State ARES  
146.520 5:00-6:00 PM Emergency Simplex  
145.450 7:00 PM Alford Mem. RC Roundtable  
147.060+ 8:30 PM No. Fulton ARES  
146.820- PL146.2 7:30 PM Atlanta Radio Club Net  
147.105+ PL100.0 8:30 PM ATL C.A.R.E.S Net  
146.700- PL123.0 4:30 PM Jasper Radio Club  
50.145 Simplex 9:00 PM Six Meter Net

### Monday

145.450- PL107.2 8:00 PM Decatur A.R.E.S. Net  
145.470- PL100.0 8:30 PM North Fulton Tech. Net  
50.235 USB 8:30 PM Regional Six Meter Net  
145.430 - PL107.2 8:00 PM Cherokee ARES  
146.880 - PL100.0 8:00 PM Cobb Co. A.R.E.S. NET  
147.210+ PL162.2 9:00 PM Rockdale Co. ARES  
147.075+ PL 82.5 8:00 PM Gwinnett G.A.R.S.  
147.075+ PL 82.5 9:00 PM Gwinnett A.R.E.S.

### Tuesday

146.625- PL123.7 8:00 PM S Fulton ARES  
146.895+ PL 77.0 8:00 PM Dallas  
147.240+ PL103.5 8:00 PM Bartow Co. ARES  
147.150+ 8:00 PM Forsyth Co. ARES

### Wednesday

145.41 - 8:00 PM Chapter 49, QCWA Net  
145.15 - 8:00 PM GA Tech Stinger Net .  
146.67 - PL131.0 8 8:00 PM Hall Co. ARES Net

### Thursday

146.955 - PL77.0 7:00 PM Digital Silver CometARS  
146.955 - PL77.0 8:00 PM, Paulding ARES.  
145.270 - PL100.0 8:00 PM, Cherokee Am. Radio Soc.  
146.88 - PL100.0 8:30 PM, Kenneehoochee ARC Net  
147.225+ - 8:00 PM, NE GA ARC  
147.15+ - 8:00 PM, Swap Net  
147.015- PL100.0 9:00 PM, N GA Disaster Relief Team  
147.39+ - PL131.8 9:00 PM Thomaston Net

### Friday

145.11 - PL88.5 8:00 PM Douglas Co. ARES  
147.015 - PL100.0 6:00 PM N GA Disaster Net  
146.76 - PL107.2 Midnight Turnip Truck Net

### Saturday

7.275 MHz 9:00 AM GA Traders Net  
3.857 MHz 9:00 AM Chapter 49, QCWA Net  
146.760- PL107.2 12:00 AM Midnight Turnip Truck Net  
147.015- PL100.0 10:00 PM Hoot Owl Net

## New Licenses & Upgrades

**2nd Sunday of Every Month  
starting promptly at 2:00 pm**

Primary areas served: Gwinnett County, GA and the surrounding area

Sponsor: Gwinnett Amateur Radio Society (GARS)

Talk-In: GARS Repeater on 147.075(+) MHz, Tone 82.5 Hz

### Location:

Gwinnett County Fire Station #5  
Community Room – 3001 Old Norcross Road  
Duluth, GA 30096

Map: <http://maps.google.com/maps?q=33.9566,-84.1078>

### VE Contact:

Dave Bruse W4DTR  
E-mail: [exams@gars.org](mailto:exams@gars.org)  
Phone: 770-623-0149

### What to bring:

- A Photo ID. (Driver's license, Student ID, Passport, etc.)
- Minors must have 2 forms of ID and SS number.
- Your original license and two (2) copies of the original license.
- Your original CSCE and two (2) copies for any outstanding elements passed.
- A pen and a pencil with eraser.
- Calculators with memory must be cleared. Cell phones are not allowed.
- Current Exam Fee is \$14.00. Cash only. Checks are not accepted.
- Walk-ins are welcome.  
*No pre-registration required.*

**VEC: W5YI-VEC**

*Dave Bruse* W4DTR



# Let's Stay Connected!



GARS has an active **Yahoo group**. You can subscribe to the group from the [www.GARS.org](http://www.GARS.org) web site or by going directly to <http://groups.yahoo.com/group/GARS/>

GARS also has an active **Facebook Group**, <http://www.facebook.com/groups/315255321681/>

The Facebook page is a little more social and you might find interesting comments about GARS or amateur radio in general. Join the Facebook Group by viewing the link mentioned above.

Why join the email or social groups? Club announcements, last minute ham radio news, information about area club meetings and activities, and that piece of radio gear you've been looking for might be listed for sale.

These are your groups and each of you are welcome to post questions or comments relating to amateur radio. Use them!



**Two weekly nets.** Monday evening announcements, want, shop, sell net at 8:00pm and a roundtable net on Thursday at 9:00pm. Both are on the GARS primary repeater frequency.

And don't forget our great **monthly newsletter**, **The GARZETTE**, which you are reviewing now. It contains many items of interest to our members and serves as the Official GARS publication.

# Let's Stay Connected!

### The GARzette

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by email to [n4gyn@arrl.net](mailto:n4gyn@arrl.net). Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the amateur radio spirit, permission is hereby granted for the reproduction of The GARzette articles by other amateur radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

*The GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 25th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: Ray Bailey—N4GYN  
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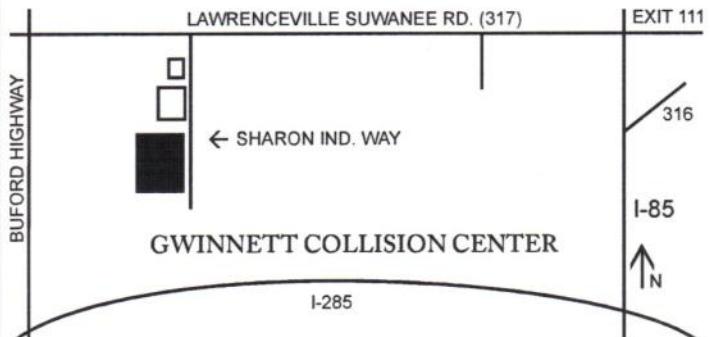
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Contact Club Secretary  
Ralph Pickwick KF4CJC - [kj4cnc@arrl.net](mailto:kj4cnc@arrl.net)  
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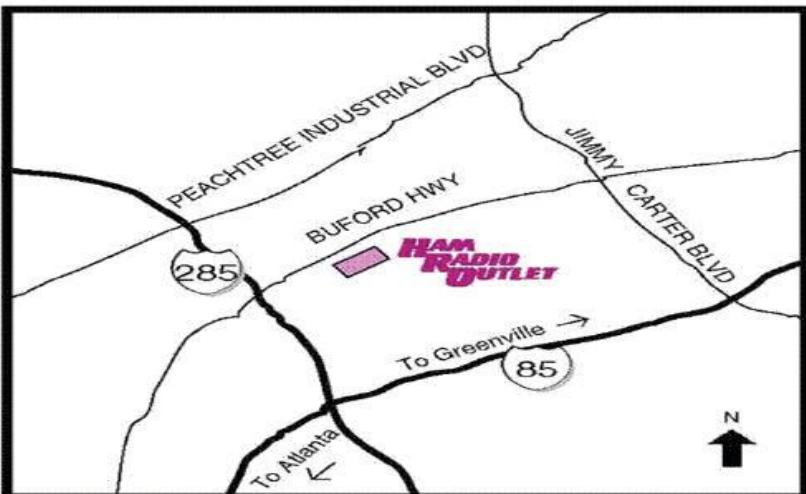
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